

Please type a plus sign (+) inside this box →



PTO/SB/08A (10-98)

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	Continuation of 10/120,940
(use as many sheets as necessary)		Filing Date	November 19, 2003
		First Named Inventor	Daniel R. Deaver
		Group Art Unit	675
		Examiner Name	C. A. Zupnick
Sheet	1	of	3
		Attorney Docket Number	PSU 1813 CON (2)

U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

Examine Signature	(initials)	Date Considered	8/17/04
----------------------	------------	--------------------	---------

<sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.2), <sup>4</sup> Enter filing date of the international application.

<sup>4</sup> Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.  
<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.  
**DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO:** Assistant Commissioner for Patent, Washington, DC 20231

# 1374782 v1

PSU 1813 CON (2)  
058247/00014

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	Continuation of 10/120,940
Sheet	2	of	3
		Attorney Docket Number	PSU 1813 CON (2) <i>Luis Capurro</i>

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
<i>JK</i>		BARZU, et al., "Endothelial binding sites for heparin. Specificity and role in heparin neutralization," <i>Biochem J.</i> 238(3):847-54 (1986).	
<i>JK</i>		DEAVER, et al., "Effects of domperidone and thyrotropin-releasing hormone on secretion of luteinizing hormone and prolactin during the luteal phase and following induction of luteal regression in sheep," <i>Domes. Amin. Endocrinol.</i> 4(2):95-102 (1987).	
<i>JK</i>		EDWARDS, et al., "Spontaneous vesicle formation at lipid bilayer membranes," <i>Biophys J.</i> 71(3):1208-14 (1996).	
<i>JK</i>		EDWARDS, et al., "The nucleation of receptor-mediated endocytosis," <i>PNAS USA</i> 93(5):1786-91 (1996).	
<i>JK</i>		EVANS & YEUNG, "Apparent viscosity and cortical tension of blood granulocytes determined by micropipet aspiration," <i>Biophys J</i> 56(1):151-60 (1989).	
<i>JK</i>		GOLDSTEIN, et al., "Receptor-mediated endocytosis: concepts emerging from LDL receptor system," <i>Annu Rev Cell Biol</i> 1:1-39 (1985).	
<i>JK</i>		ILLUM, et al., "Bioadhesive microspheres as a potential nasal drug delivery system," <i>Int J Pharm</i> 39:189-199 (1987).	
<i>JK</i>		MANDAL, et al., "Physicochemical studies on achaatinH, a novel sialic acid-binding lectin," <i>Biochem J</i> 257(1):65-71 (1989).	
<i>JK</i>		PAGANO, "Lipid traffic in eukaryotic cells: mechanisms for intracellular transport and organelle-specific enrichment of lipids," <i>Curr Opin Cell Biol</i> 2(4):652-63 (1990).	

Examiner's Signature	<i>Carlyle J. Gammie</i>	Date Considered	8/04/04
----------------------	--------------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

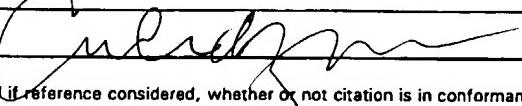
PTO/SB/08A (10-88)

Approved for use through 10/31/98. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	Continuation of 10/120,940
				Filing Date	November 19, 2003
				First Named Inventor	Daniel R. Deaver
				Group Art Unit	1615
				Examiner Name	C. Arouse
Sheet	3	of	3	Attorney Docket Number	PSU 1813 CON (2)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
DRD		Polymeric Amines and Ammonium Salts, (Goethals, ed.) (Pergamon Press, Elmsford, NY, 1980).	
		RODMAN, et al., "Endocytosis and transcytosis," <i>Curr Opin Cell Biol</i> 2(4):664-72 (1990).	
		SCHMID, "Biochemical requirements for the formation of clathrin- and COP-coated transport vesicles," <i>Curr Opin Cell Biol</i> 5(4):621-7 (1993).	
		SHEETZ & DAI, "Modulation of membrane dynamics and cell motility by membrane tension," <i>60<sup>th</sup> Annual Cold Spring Harbor Symposium on Protein Kinases</i> , Cold Spring Harbor, N.Y. (1995).	
		SMYTHE, et al., "Cytosol- and clathrin-dependent stimulation of endocytosis in vitro by purified adaptors," <i>J Cell Biol</i> 119(5):1163-71 (1992).	
		SMYTHE, et al., "Formation of coated vesicles from coated pits in broken A431 cells," <i>J Cell Biol</i> 108(3):843-53 (1989).	
		TROWBRIDGE, "Endocytosis and signals for internalization," <i>Curr Opin Cell Biol</i> 3(4):634-41 (1991).	
		WANG, et al., "Mechanotransduction across the cell surface and through the cytoskeleton," <i>Science</i> 260(5111):1124-7 (1993).	
DRD		WRIGHT & DETMERS, "Receptor-mediated phagocytosis" in <i>The Lung: Scientific Foundations</i> (Crystal, et al., eds.), pp. 539-49 (Ravens Press, Ltd., New York, NY (1991).	

Examiner's Signature		Date Considered	8/07/04
----------------------	---	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.